INDEX TO THE AMERICAN CARTOGRAPHER Volume 15 1988

This index includes all principal articles and other items published in Volume 15 (1988) of *The American Cartographer*. Principal articles are indexed by title and author, other items by title only. Articles are referenced only by the first author's name. For the convenience of persons referring to unbound numbers of this journal, the issue number has been included after the volume number, followed by page numbers. The following summarizes page contents:

Volume 15: January 1988, No. 1, (pages 1-144) April 1988, No. 2, (pages 145-238) July 1988, No. 3, (pages 239-334) October 1988, No. 4, (pages 335-428)

ARTICLES (April, July and October issues)

ALPER, STANLEY (see BOSSLER and others).

ANDREWS, SONA KARENTZ, Applications of a Cartographic Communication Model to Tactual Map Design, 15:2, 183-195.

Applications of a Cartographic Communication Model to Tactual Map Design, SONA KARENTZ ANDREWS, 15:2, 183-195.

BEARD, M. KATE and NICHOLAS R. CHRISMAN, Zipper: A Localized Approach to Edgematching, 15:2, 163-172.

BOSSLER, JOHN D., DAVE L. PENDLETON, GEORGE F. SWETNAM, RAPHAEL L. VITALO, CHARLES R. SCHWARZ, STANLEY ALPER and HOWARD P. DANLEY, Knowledge-Based Cartography: The NOS Experience, 15:2, 149-161.

CARTER, JAMES R., The Map Viewing Environment: A Significant Factor in Cartographic Design, 15:4, 379-385.

CHRISMAN, NICHOLAS, The Risks of Software Innovation: A Case Study of the Harvard Lab, 15:3, 291-300.

CHRISMAN, NICHOLAS R. and M. KATE BEARD, Zipper: A Localized Approach to Edgematching, 15:2, 163-172.

CLARKE, KEITH C., Scale-Based Simulation of Topographic Relief, 15:2, 173-181. See Correction, 16:1, 74.

COPPOCK, J.T., The Analogue to Digital Revolution: A View From an Unreconstructed Geographer, 15:3, 263-275.

Critical Atlas Reviews: Writing to Learn About Maps, DONALD J. ZEIGLER, 15:4, 357-362.

DANGERMOND, JACK and LOWELL KENT SMITH, Geographic Information Systems and the Revolution in Cartography: The Nature of the Role Played by a Commercial Organization, 15:3, 301-310.

DANLEY, HOWARD P. (see BOSSLER and others).

DYMON, UTE J., The Communication Structure Surrounding the Groundwater Maps Within the USGS Hydrological Atlas Series, 15:4, 387-398.

Geographic Information Systems and the Revolution in Cartography: The Nature of the Role Played by a Commercial Organization, JACK DANGERMOND and LOWELL KENT SMITH, 15:3, 301-310.

GOODCHILD, MICHAEL F., Stepping Over The Line: Technological Constraints and the New Cartography, 15:3, 311-319.

Knowledge-Based Cartography: The NOS Experience, JOHN D. BOSSLER, DAVE L. PENDLETON, GEORGE F. SWETNAM, RAPHAEL L. VITALO, CHARLES R. SCHWARZ, STANLEY ALPER and HOWARD P. DANLEY, 15:2, 149-161.

LLOYD, ROBERT, Searching For Map Symbols: The Cognitive Processes, 15:4, 363-377.

New Equal-Area Map Projections For Noncircular Regions, JOHN P. SNYDER, 15:4, 341-355.

PENDLETON, DAVE L. (see BOSSLER and others).

Personality as a Factor in the Development of a Discipline: The Example of Computer-Assisted Cartography, DAVID RHIND, 15:3, 277-289.

RHIND, DAVID, Personality as a Factor in the Development of a Discipline: The Example of Computer-Assisted Cartography, 15:3, 277-289.

Scale-Based Simulation of Topographic Relief, KEITH C. CLARKE, 15:2, 173-181. See Correction, 16:1, 74.

SCHWARZ, CHARLES R. (see BOSSLER and others).

Searching for Map Symbols: The Cognitive Processes, ROBERT LLOYD, 15:4, 363-377.

SMITH, LOWELL KENT and JACK DANGERMOND, Geographic Information Systems and the Revolution in Cartography: The Nature of the Role Played by a Commercial Organization, 15:3, 301-310.

SNYDER, JOHN P., New Equal-Area Map Projections For Noncircular Regions, 15:4, 341-355.

Stepping Over The Line: Technological Constraints And the New Cartography, MICHAEL F. GOODCHILD, 15:3, 311-319.

SWETNAM, GEORGE F. (see BOSSLER and others).

The Analogue to Digital Revolution: A View From an Unreconstructed Geographer, J.T. COPPOCK, 15:3, 263-275.

The Communication Structure Surrounding The Groundwater Maps Within The USGS Hydrological Atlas Series, UTE J. DYMON, 15:4, 387-398.

The Impact of the Transition From Analogue to Digital Cartographic Representation, R.F. TOMLINSON, 15:3, 249-261.

The Map Viewing Environment: A Significant Factor in Cartographic Design, JAMES R. CARTER, 15:4, 379-385.

The Risks of Software Innovation: a Case Study of the Harvard Lab, NICHOLAS CHRISMAN, 15:3, 291-300.

TOMLINSON, R.F., The Impact of the Transition From Analogue to Digital Cartographic Representation, 15:3, 249-261.

VITALO, RAPHAEL L. (see BOSSLER and others).

ZEIGLER, DONALD J., Critical Atlas Reviews: Writing to Learn About Maps, 15:4, 357-362.

Zipper: A Localized Approach to Edgematching, M. KATE BEARD and NICHOLAS R. CHRISMAN, 15:2, 163-172.

(January—The Proposed Standard for Digital Cartographic Data)

Introduction and Executive Summary, 15:1, 11-20.

Volume I-The Standard, 15:1, 21-140.

Volume II—Initial Entity and Attribute Definitions, 15:1, 143 + microfiche insert in pocket.

Appendix—A Final Bibliography for Digital Cartographic Standards, 15:1, (microfiche insert in pocket).

BOOK NOTES

15:2, 228-229. 15:3, 326.

BOOK REVIEWS

American Maps and Mapmakers: Commercial Cartography in the Nineteenth Century, Walter W. Ristow (KAREN SEVERUD COOK), 15:2, 211.

Atlas de la Révolution Francaise; Vol. 1, Routes et Communications, Guy Arbellot and Bernard Lepetit, (JAMES R. MCDONALD), 15:4, 412-413.

Atlas of Geo-Science Analyses of Landsat Imagery in China, Chen Shu Peng (Ed.) (ROBERT W. MCCOLL), 15:2, 224-225.

Atlas of Great Lakes Indian History, Helen Hornbeck Tanner (JOSEPH T. MANZO), 15:2, 217-218.

Atlas of South Australia, Trevor Griffin and Murray Mc-Caskill (Eds.) (W. DONALD MCTAGGART), 15:2, 221-222.

Atlas of the United States: A Thematic and Comparative Approach, Jilly Glassborow and Gillian Freeman (eds.)(JEF-FREY C. PATTON), 15:2, 226-227.

Cartography in France: 1660-1848. Science, Engineering and Statecraft, Joseph W. Konvitz (GEORGE KISH), 15:2, 218-219.

La Carte: Mode d'Emploi, Roger Brunet (JAMES B. CAMPBELL), 15:2, 213-214.

Mapping the North American Plains: Essays in the History of Cartography, Frederick C. Luebke, Frances W. Kaye and Gary E. Moulton (eds.) (STEVEN L. SCOTT), 15:2, 219-221.

Map Projections—A Working Manual, J.P. Snyder (C. PETER KELLER), 15:4, 415-416.

Population Census Atlas of South Africa, H.L. Zietsman and I.J. van der Merwe (Eds.) (DENNIS FITZSIMONS), 15:3, 323-324.

Remote Sensing and Image Interpretation, T.M. Lillesand and R.W. Kiefer (DAVID P. LUSCH), 15:4, 411-412.

Representing and Acquiring Geographic Knowledge, Ernest Davis (BARBARA P. BUTTENFIELD), 15:4, 413-415.

Statistical Methods for Geographers, W.A.V. Clark and P.L. Hosking (NINA SIU-NGAN LAM), 15:2, 222-223.

The Cultural Atlas of Islam, Isma'il R. al Faruqi and Lois Lamya' al Faruqi (BASHEER K. NIJIM), 15:2, 225-226.

The Geographer at Work, Peter Gould (J.B. HARLEY), 15:2, 216-217.

The Moody Atlas of Bible Lands, Barry J. Beitzel (JONA-THAN J. LU), 15:2, 211-212.

The National Atlas of Canada, George Falconer, Editor-in-Chief (JOEL L. MORRISON), 15:2, 214-216.

The Population Atlas of China, Population Census Office of the State Council of the People's Republic of China and the Institute of Geography of the Chinese Academy of Science (JOEL L. MORRISON), 15:4, 416-419.

Ukraine: A Historical Atlas, Paul R. Magocsi (IAN M. MAT-LEY), 15:2, 219.

Von Ptolemaeus bis Humboldt: Kartenschätze der Staatsbibliothek Preussischer Kulturbesitz. Ausstellung zum 125 jahrigen Jubiläum der Kartenabteilung. Staatsbibliothek Preussischer Kulturbesitz, Ausstellungskataloge 24, Lothar Zögner (DAVID WOODWARD), 15:2, 223-224.

World Mapping Today, R.B. Parry and C.R. Perkins (NOR-MAN J.W. THROWER), 15:3, 324-325.

CARTOGRAPHIC NEWS

ACSM Produces GIS/LIS Video, 15:1, 142.

Andrew McNally Award for 1987, 15:4, 427.

Call for Papers—Eurocarto Seven, 15:1, 142.

Call for Papers—XIV ICA Conference, 15:2, 237.

Columbus and the World Map, 15:2, 238.

Commission on Geographical Data Sensing and Processing, 15:2, 237.

Errata, 15:2, 238.

Eurocarto Seven, 15:2, 237.

Geoscientific Map of the Province of Valencia, 15:4, 426.

In Memoriam, 15:2, 238.

Lavin Appointed Software Editor, 15:4, 426.

National Geographic Society Gets Citation, 15:4, 426.

New Map Projections Booklet Available, 15:1, 142.

Position Available, 15:1, 142.

University Education in GIS, 15:2, 237.

Wild Heerbrugg Student Grant Program, 15:2, 237-238.

COMMUNICATIONS FROM READERS

Transformation of Positional Geographic Data from Paper-Based Map Products. Comments by ALDEN P. COL-VOCORESSES, 15:4, 428. Response by WILLIAM H. SPRINSKY, 15:4, 428.

PUBLICATION NOTES

China's First Cartographic Journal, 15:2, 235. IDRISI, 15:2, 235-236.

North America: Thematic Tectonic Maps, 15:2, 235.

Proceedings, Second International Symposium on Spatial Data Handling, 15:2, 235.

RECENT LITERATURE

15:2, 229-234. 15:3, 327-334.

15:4, 420-425.

REPORT

U.S. Participation in the Eighth General Assembly and Thirteenth International Conference of the International Cartographic Association, JUDY M. OLSON, 15:2, 197-204.

SOFTWARE REVIEWS

Mapmaker (EUGENE TURNER), 15:2, 205-208. EGA Paint 2005 (GREGORY MITCHELL and RICHARD M. SMITH), 15:2, 208-210. See: Correction, 15:3, 334.

TECHNICAL NOTE

An Algorithm For Computer-Generated Equidistance Lines, POH-CHIN LAI and LIFAN FEI, 15:4, 399-410.

MISCELLANEOUS

Advertising in The American Cartographer, 15:1, 2; 15:2, 144; 15:3, 276; 15:4, C-3.

Afterword, BARBARA B. PETCHENIK, 15:3, 321-322.
Comments on Authors, R.T. TOMLINSON, 15:3, 246-247.
Correction, 15:3, 334.

Foreword, BARBARA B. PETCHENIK, 15:3, 245-246. Preface, JOEL MORRISON, 15:1, 9.

Map Updating

on the Kargl Reflecting Projector

Correct & Update
Your Base Maps
& Source Material
Compile from tilted photos
Match distorted or
odd datum maps
Scale & correct tilt
prior to digitizing

For additional information contact

RKI RIEBE-KELSEY
INSTRUMENTS, INC.

2407 Boardwalk

San Antonio, Texas USA

Telephone (512) 822-2150





